

> Denotes revised material in this JPM

JOB PERFORMANCE MEASURE

TASK CODE: CEO-187

TASK: Provide Job Coverage for HVAC Maintenance

NAME: _____ **>BADGE #:** _____

>REFERENCES: Only references for knowledge items are listed here. The trainee is expected to identify the correct references for practical items .

1. WP 12-HP3400, Contamination Control
2. WP 12-HP1500, Posting and Access Control

TERMINAL OBJECTIVE:

Given a situation requiring HVAC maintenance, provide the necessary job coverage in accordance with WP 12-HP3400.

CONSEQUENCES OF INADEQUATE PERFORMANCE:

Improper survey results
Spread of contamination

HAZARDS (PERSONNEL/EQUIPMENT STATUS):

Personnel Contamination
Internal Deposition of Radioactive Material

PRE-REQUISITE TRAINING/ TASK COMPLETION:

1. CL 1.00 Series
2. CL 2.11, Radiological Work Control
3. CEO-178, Provide Job Coverage for Work in a Radiation Area
4. CEO-180, Provide Job Coverage for Work in a Contamination Area

TOOLS/EQUIPMENT (MATERIALS REQUIRED):

- | | |
|---------------------------------------|-------------------------------------|
| 1. Appropriate Survey Instrumentation | 5. Survey Documentation |
| 2. Posting Materials | 6. Active RWP |
| 3. Pre-job Briefing checklist | 7. RAM tags |
| 4. Poly bags, tape, herculite | 8. Materials for setting up an area |

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Instructions to Trainee: You shall acquire the necessary references and equipment, and complete all required documentation. Knowledge requirements shall be completed with 80% or greater accuracy. Critical step performance shall be completed with 100% accuracy.

Instructions to JPM Evaluator: The trainee is to perform the terminal objective, without assistance, on the job site. Provide clarification of requirements if requested by the trainee. You are encouraged to ask relevant questions to verify trainee understanding. If the trainee fails this JPM, clearly document the reason for failure and forward to the trainee's manager. Successful completion of this JPM shall be recorded on the trainee's qualification card.

>On performance items, if there is more than one means available to accomplish the step, circle the method used. Refer to the RCT-01 Qualification Standard for preference of use.

KNOWLEDGE REQUIREMENTS:

| Reference | Knowledge Requirement | Pass/Fail |
|-----------|---|-----------|
| 1 | State the various breaches associated with work on the HVAC system. | |
| 1 | State the surveys required during HEPA filter change out | |
| 1, 2 | Describe how the area should be set up prior to a HEPA filter change out | |
| 1 | Discuss the radiological concerns associated with removing an access cover plate for entry into HVAC ducting. | |
| 1 | Discuss the potential exposure hazards associated with work on the HVAC System | |
| 1 | Describe the basic operation of the HVAC System | |

PERFORMANCE REQUIREMENTS:

| >Method | Performance Requirement | Pass/Fail |
|---------|---|-----------|
| P | Assist in conducting a pre-job briefing. | |
| P | Maintain worker exposure ALARA. | |
| P, S, D | Identify a system breach. # | |
| P, S | Perform the necessary job coverage surveys. # | |
| P | Document job coverage surveys. # | |
| P | Provide the required job coverage as specified on the RWP. # | |
| P | Control the generation and handling of radioactive wastes, as applicable. | |
| P | Post the immediate area as appropriate. # | |
| | | |

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| >Method | Performance Requirement | Pass/Fail |
|---------|--|-----------|
| P | Control access to the work area. # | |
| P, S | Control the spread of contamination if applicable. # | |

indicates a critical step

FINAL EVALUATION:

PASS

FAIL

COMMENTS:

EVALUATOR SIGNATURE:

_____ **DATE:**_____

TRAINEE SIGNATURE:

_____ **DATE:**_____

MANAGER SIGNATURE:

_____ **DATE:**_____